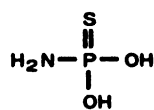


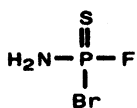
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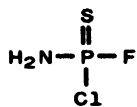
cyclic *O,O*-(methylene-2,1-phenylene) ester —
see 4*H*-1,3,2-Benzodioxaphosphorin-2-amine,
2-sulfide [15102-12-2]

cyclic *O,O,O',O'*-neopentetetrayl ester —
see 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]-
undecane-3,9-diamine, 3,9-disulfide
[18695-60-8]

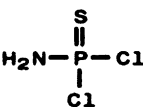
Phosphoramidothioic bromide fluoride [14809-09-7]



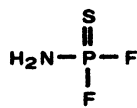
Phosphoramidothioic chloride fluoride [14809-10-0]



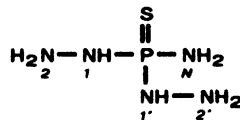
Phosphoramidothioic dichloride [14475-36-6]



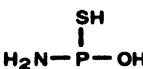
Phosphoramidothioic difluoride [14809-12-2]



Phosphoramidothioic dihydrazide [55938-13-1]

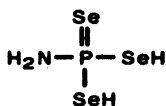


Phosphoramidothious acid [25757-68-0]

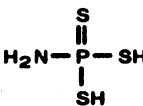


—, (2-mercaptoethyl)-
intramol. ester — see 1,3,2-Thiazaphospholidine,
2-hydroxy- [13913-11-6]

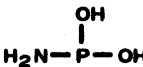
Phosphoramidotriselenoic acid [25757-69-1]



Phosphoramidotritioic acid [25310-88-7]



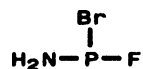
Phosphoramidous acid [14809-11-1]



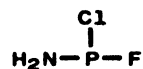
Cyclic derivatives of phosphoramidous acid, including
anhydrides, esters, and hydrazides, are indexed
at the ring names. Thus, the cyclic
2,3-pyridinediyl ester is indexed at
1,3,2-Dioxaphospholo[4,5-*b*]pyridin-2-amine
monoanhydride with phosphorothioic acid —
see *P*-Amido-*P'*-thiodiphosphoric(III,V) acid
[18538-38-0]

—, (carboxymethyl)-
P,P-diethyl ester —
see Glycine, *N*-(diethoxyphosphino)-
[5657-12-5]

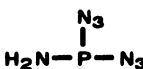
Phosphoramidous bromide fluoride [25757-71-5]



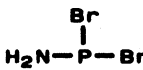
Phosphoramidous chloride fluoride [31332-16-8]



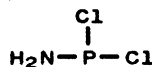
Phosphoramidous diazide [102479-79-8]



Phosphoramidous dibromide [25757-72-6]



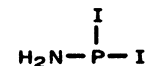
Phosphoramidous dichloride [25757-73-7]



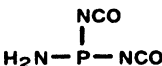
Phosphoramidous difluoride [25757-74-8]



Phosphoramidous diiodide [25841-80-9]



Phosphoramidous diisocyanate [53142-82-8]



Phosphoranimine

—, 1-chloro-

See also Phosphine imide, hydrochloride
[34318-06-4]

—, *N,N'*-1,2-ethanediybis-

See 1,2-Ethanediamine, *N,N'*-bis(phosphoranyl)-
[27607-11-0]

Phosphorane [13769-19-2]



—, (acetyl amino)-

See Acetamide, *N*-phosphoranyl- [13939-89-4]

—, [(aminocarbonyl)imino]-

See Urea, phosphoranylidene- [6706-49-6]

—, (2-amino-2-oxoethylidene)-

See Acetamide, 2-phosphoranylidene- [27607-01-8]

—, (aminoxy)-

See Hydroxylamine, *O*-phosphoranyl- [16777-85-8]

—, azinobis-

See Hydrazine, bis(phosphoranylidene)-
[14901-76-9]

—, azinobis(trichloro)-

See Hydrazine, bis(trichlorophosphoranylidene)-
[2894-07-7]

—, (benzoylimino)-

See Benzamide, *N*-phosphoranylidene- [4380-80-7]

—, (1-carboxyethylidene)-

See Propanoic acid, 2-phosphoranylidene-
[6402-69-3]

—, (carboxylimino)-

See Carbamic acid, phosphoranylidene- [4474-37-7]

—, (carboxymethyl)-

See Acetic acid, phosphoranyl- [4408-79-1]

—, (carboxymethylene)-

See Acetic acid, phosphoranylidene- [4408-80-4]

—, chloroimino-

See Phosphinimidic chloride [25756-74-5]

—, (cyanomethyl)-

See Acetonitrile, phosphoranyl- [4439-03-6]

—, (cyanomethylene)-

See Acetonitrile, phosphoranylidene- [20342-71-6]

—, (2,5-dioxocyclopentylidene)-

See 1,3-Cyclopentanedione, 2-phosphoranylidene-
[27670-66-2]

—, hydrazobis-

See Hydrazine, 1,2-bis(phosphoranyl)- [25540-54-9]

—, hydrazono-

See Hydrazine, phosphoranylidene- [14809-20-2]

—, hydrazonotri-1-piperidinyl-

See Piperidine, 1,1',1''-(hydrazonophosphoranyl-
idyne)tris- [20336-35-0]

—, (mercaptomethylene)-

See Methanethiol, phosphoranylidene- [4968-80-3]

—, (methylenehydrazino)-

See Formaldehyde, hydrazones, phosphoranyl-
hydrazone [4372-04-7]

—, [(1-methylethylidene)hydrazino]-

See 2-Propanone, hydrazones, phosphoranyl-
hydrazone [4463-25-6]

—, (2-oxoethylidene)-

See Acetaldehyde, phosphoranylidene- [5703-30-0]

—, pentahydroxy-

[14939-10-7]
Cyclic esters (1,2-ethanediy, phenylene, etc.) are
indexed at the name of the heterocycle; other
esters (ethyl, phenyl, etc.) are indexed as alkoxy
or aryloxy phosphoranes

—, (phenacylidenehydrazono)-

See Benzeneacetaldehyde, α-oxo-, aldehydo-
(phosphoranylidenehydrazono) [5666-39-7]

—, (sulfomethylene)-

See Methanesulfonic acid, phosphoranylidene-
[4496-99-5]

—, tetraaminoiodo-

See Phosphorane, tetraamino-, 1-iodo- [20217-83-8]

—, tetrachloro(chloromercaptomethylene)-

amino]-

See Carbamothioic chloride, (tetrachloro-
phosphoranyl)- [23636-67-1]

—, tetrachloro(hexachlorophosphato(1-))-

See Phosphorus(1+), tetrachloro-, (T-4)-,
hexachlorophosphate(1-) [19453-01-1]

—, tetrahydroxy-

[18553-66-7]
Cyclic esters (1,2-ethanediy, phenylene, etc.) are
indexed at the names of the heterocycles

—, (thioxoethenylidene)-

See Ethenethione, phosphoranylidene- [27607-20-1]

Phosphoranedioic dichloride

See Phosphorane, dichloro- [14809-18-8]

Phosphoranes

Pentavalent phosphorus compds. are indexed here.
Trivalent phosphorous compds. are indexed at
Phosphines

Phosphorane, tetrahydroxy-

See Phosphorane, tetrahydroxy- [18553-66-7]

Phosphorane, tetrachloro-

See Phosphorane, tetrachloro- [14939-27-6]

Phosphorane, tetrafluoro-

See Phosphorane, tetrafluoro- [13659-66-0]

Phosphoranilide

See Phosphoric triamide, *N,N',N''*-triphenyl-
[5326-10-3]

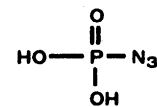
Phosphoranimine

See Phosphine imide [25682-80-8]

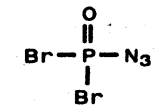
Phosphoranoic acid

See Phosphonium hydroxide ((*PH*₄)(*OH*))
[14809-17-7]

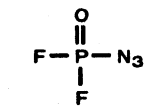
Phosphorazidic acid [25841-81-0]



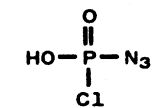
Phosphorazidic dibromide [69715-77-1]



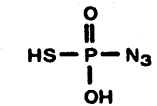
Phosphorazidic difluoride [38005-28-6]



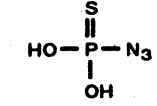
Phosphorazidochloridic acid [96293-61-7]



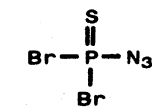
Phosphorazidothioic acid [25841-82-1]



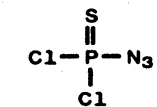
or



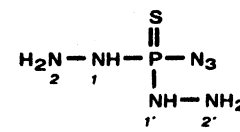
Phosphorazidothioic dibromide [69715-75-9]



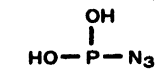
Phosphorazidothioic dichloride [69715-76-0]



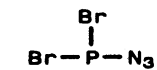
Phosphorazidothioic dihydrazide [159100-40-0]



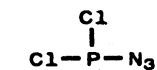
Phosphorazidous acid [96293-60-6]



Phosphorazidous dibromide [69715-73-7]



Phosphorazidous dichloride [69715-74-8]



Phosphorazidous difluoride [37388-50-4]



Phosphor bronze

See Bronze, phosphor [12767-50-9]

Phosphorescence

See also related:

Fluorescence
Intersystem crossing
Phosphorescence quenching
Phosphorescent substances
Phosphorimetry
Phosphors
Scintillation
Triplet state

Phosphorescence quenching

See also related: Phosphorescence

Phosphorescence spectroscopy

See Phosphorimetry

Phosphorescent screens

See Luminescent screens

Phosphorescent substances

See also related: Phosphorescence

Phosphoriboisomerase

See Isomerase, ribose phosphate [9023-83-0]

5-Phosphoribose pyrophosphorylase

See Pyrophosphokinase, ribose phosphate [9015-83-2]

Phosphoribosyladenosine triphosphate

pyrophosphorylase

See Phosphoribosyltransferase, adenosine triphosphate
[9031-46-3]

Phosphoribosyladenosine triphosphate synthetase

See Phosphoribosyltransferase, adenosine triphosphate